

PLASTICOLORS, INC.  
P.O. BOX 816  
ASHTABULA, OH 44005-0816  
(440)997-5137

MATERIAL SAFETY DATA SHEET

NO RECORD SET UP IN MSDS NAME FILE

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 SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
 

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## CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID : EDC-20682  
 PRODUCT DESCRIPTION : BLACK  
 TRADE NAME : COLORMATCH  
 FORMULA ID : EDC-20682  
 FORMULA VERSION NUMBER : 2  
 PRINT DATE : 03/08/2005  
 MANUFACTURER IDENTIFICATION:  
 NAME : PLASTICOLORS, INC.  
 ADDRESS : 2600 MICHIGAN AVENUE OH 44004  
 ASHTABULA  
 TELEPHONE : 440-997-5137  
 EMERGENCY CONTACT : Chemtrec  
 EMERGENCY TELEPHONE : (800) 424-9300

## HMIS INFORMATION:

Health - 2                      Flammability - 1                      Reactivity - 1

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 SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS
 

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1  
 CAS# 1333-86-4  
 Carbon Black  
 PCT BY WT: 24.9750  
 EXPOSURE LIMIT:  
 OSHA PEL 3.5 mg/m3

2  
 CAS# 025085-99-8  
 Epoxy Resin  
 PCT BY WT: 45-50%  
 EXPOSURE LIMIT:

3  
 Glycidyl Ethers  
 PCT BY WT: 15-20%  
 EXPOSURE LIMIT:

4  
 Phosphoric Ester Salt  
 PCT BY WT: 1-5%  
 EXPOSURE LIMIT:

\*\*\*\*\*  
 This product contains one or more reported carcinogens or suspected  
 carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits  
 recommended column.  
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 This product contains pigments which may become a dust nuisance when  
 removed by abrasive blasting, sanding, or grinding.  
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 SECTION 3 - HAZARDS IDENTIFICATION
 

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CAUTION: May cause allergic skin reaction.

This product contains carbon black, a substance identified by the  
 International Agency for Research on Cancer (IARC), as a  
 Classification 2b (possibly carcinogenic to humans).

CAUTION: May cause skin sensitization.

POTENTIAL HEALTH EFFECTS:

ACUTE EFFECTS:

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## EYE:

May cause minor irritation but no corneal injury.

## SKIN:

May cause dermal irritation.

## INHALATION:

Excessive vapors may cause nasal and respiratory tract irritation.

## INGESTION:

May cause gastrointestinal irritation, which could include nausea, vomiting, diarrhea.

## CHRONIC EFFECTS:

## EYE:

No harmful effects by chronic exposure reported.

## INGESTION:

No harmful effects by chronic exposure reported.

## INHALATION:

No harmful effects by chronic exposure reported.

## SKIN:

Repeated and/or prolonged contact with the skin may cause irritation.

## MEDICAL CONDITIONS AGGREGATED

## CARCINOGENICITY:

Based on the International Agency for Research on Cancer (IARC) conclusion that there is sufficient evidence in experimental animals for the carcinogenicity of carbon black dust and inadequate evidence of carcinogenicity in humans, IARC's overall evaluation is that carbon black dust is possibly carcinogenic to humans (Group B). Consult IARC's Monograph Volume 65. The results of the working group were based on studies involving the inhalation of carbon black and other insoluble fine dust particles. Other routes of entry were not reviewed as part of this study. This dispersion contains carbon black in a "wet out" form and does not pose an inhalation hazard. Good hygiene practices should be followed to minimize exposures to any respirable dusts. The study findings produced results consistent with the massive accumulation of fine dust particles in the lung which overwhelm the natural lung clearance mechanisms, known as the "lung overload" phenomenon, rather than from a specific chemical effect of the dust particle in the lung. Carbon Black has not been listed as a carcinogen by the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA). The National Institute of Occupational Safety and Health (NIOSH) criteria document on carbon black recommends that only carbon blacks with a PAH level greater than 0.1% be considered suspect carcinogens.

## SECTION 4 - FIRST AID MEASURES

## NOTE TO PHYSICIAN:

Flush eyes immediately with large amounts of water for at least 15 minutes. Flush under both upper and lower lids. Seek medical aid. Wash from skin with soap and water. If irritation develops, seek medical aid. Wash contaminated clothing before reuse. If inhaled, remove person to fresh air and aid in breathing if necessary. Seek medical aid. If ingested, seek medical aid.

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## SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE CHEMICAL: Emits toxic fumes under fire conditions

Flashpoint : : : : : 213.0 °F  
Explosion Level : : : : : Low - -N/A  
High - -N/A

## EXTINGUISHING MEDIA:

CO2, foam, dry chemical.

Water may be used to keep fire-exposed containers cool until fire is out.

Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

## FIRE-FIGHTING PROCEDURES AND EQUIPMENTS:

Firefighters must wear NIOSH-approved self-contained breathing apparatus and full protective equipment.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Wear appropriate safety equipment. Eliminate all ignition sources. Contain and clean up spill immediately. Prevent from entering floor drains. Contain liquids using absorbants. Vacuum or sweep powders carefully to minimize dusting. Shovel all spill materials into disposal drums and follow disposal instructions. Scrub spill area with detergent and flush with copious amounts of water.

Always dispose of in accordance with local, state and federal regulations.

## SECTION 7 - HANDLING AND STORAGE

Avoid excessive inhalation of vapors that might be generated. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not ingest. Keep away from food and feed products. Good housekeeping required.

If used in dry form, use proper grounding techniques when emptying contents from package. Failure to use proper grounding techniques may result in build-up of hazardous electrostatic charges which could cause flash fire or explosion.

Store in closed, properly labeled containers away from heat, open flames, strong acids, peroxides and other oxidizers.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

## EYE PROTECTION:

Chemical safety goggles and/or face shield.

## RESPIRATORY PROTECTION:

If the OSHA PEL, ACGIH TLV, or any other TLV for any component listed in Section II is exceeded, use NIOSH approved air-purifying respirator.

## SKIN PROTECTION:

Chemically resistant, impervious gloves.

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## ENGINEERING CONTROLS:

Use ventilation adequate to maintain safe levels.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance . . . . .	:	PIGMENTED PASTE
Odor . . . . .	:	SLIGHT TO NONE
Vapor Pressure . . . . .	:	1.177 <sup>10</sup>
Specific Gravity . . . . .	:	9.8001 LBS/GAL
Formula Weight per Volume . . . . .	:	

## SECTION 10 - STABILITY AND REACTIVITY

## INCOMPATIBILITIES:

Strong acids, strong alkali (bases), peroxides, and other oxidizers.

Amines.

## DECOMPOSITION:

Carbon monoxide, carbon dioxide, various hydrocarbons.

## CONDITIONS TO AVOID:

Excessive heat, flame and other possible ignition sources.

## POLYMERIZATION:

Product will not undergo hazardous polymerization.

## STABILITY:

Stable

## SECTION 11 - TOXICOLOGICAL INFORMATION

Not Evaluated at this time.

## SECTION 12 - TRANSPORT INFORMATION

No Data

## SECTION 13 - REGULATORY INFORMATION

## DISPOSAL CONSIDERATIONS:

In a licensed, permitted facility, incinerate or landfill as a solid after cementation or encapsulation. Do not discharge into waterways or sewer systems. Spilled material, empty containers and unused contents must be disposed of in accordance with applicable local, state, and federal regulations.

## OTHER REGULATIONS:

## TSCA Status:

TSCA (United States) The intentional ingredients of this product are listed.

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## SARA 313 INFORMATION:

This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

## SECTION 14 - OTHER INFORMATION

Prepared by . . . : J. MILLER  
Last Revision Date . . . : NONE  
MSDS Prepared for . . . :

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